

B. Amendments to the Claims

1-21 (Cancelled).

22. (New) A smart card, comprising:

an optical transceiver;

an electronic processor in communication with the optical transceiver; and

a first antenna in communication with the optical transceiver;

wherein the optical transceiver initiates optical transmission upon the first antenna receiving an electromagnetic signal.

23. (New) The smart card of claim 22, further comprising a power converter coupled to the antenna, wherein the power converter is for providing an output voltage to the electronic processor in response to the electromagnetic signal.

24. (New) The smart card of claim 23, further comprising:

a second antenna wirelessly coupled to the power converter; and

a portable power supply coupled the second antenna;

wherein the portable power supply is for communicating electromagnetic energy to the first antenna upon the second antenna receiving the electromagnetic signal.

25. (New) The smart card of claim 24, further comprising:

a battery ohmically detached from the smart card; and

an oscillator in communication with the battery and the second antenna.

26. (New) The smart card of claim 24, further comprising:

a switch in communication with the portable power supply;

wherein the switch is for enabling the communication of electromagnetic energy from the portable power supply to the smart card.

27. (New) The smart card of claim 24, further comprising a housing with a retainer for receiving the smart card.

28. (New) The smart card of claim 27, further comprising:
a latch mechanically coupled to the housing;
wherein the latch is for enabling the portable power supply when the smart card is inserted in the latch.

29. (New) The smart card of claim 22, wherein the electronic processor further comprises a:

CPU;

a memory circuit; and

an input/output controller.

30. (New) The smart card of claim 29, wherein the memory circuit is selected from the group consisting of a ROM, NVM and RAM.

31. (New) A smart card reader, comprising:
an optical transceiver;
an electronic processor in communication with the optical transceiver; and
an antenna in communication with the optical transceiver;
wherein the optical transceiver is enabled to receive optical communication from an optical smart card upon the antenna transmitting an electromagnetic signal.

32. (New) The smart card reader of claim 31, further comprising:

an oscillator coupled to the antenna and to a power supply;

wherein the oscillator is for generating the electromagnetic signal at a first frequency.

33. (New) The smart card reader of claim 31, wherein the optical transceiver is

located on a computer screen.

34. (New) An optical smart card system, comprising:

an optical smart card including:

a first optical transceiver;

a second electronic processor in communication with the first optical transceiver;

and

a first antenna in communication with the first optical transceiver; and

an optical smart card reader including:

a second optical transceiver;

a second electronic processor in communication with the second optical

transceiver; and

a second antenna in communication with the second optical transceiver;

wherein the first optical transceiver initiates optical transmission upon the first antenna receiving an electromagnetic signal from the second antenna.

35. (New) The optical smart card system of claim 34, wherein the second optical

transceiver is enabled to receive optical communication from the first optical transceiver upon the second antenna transmitting the electromagnetic signal.

36. (New) The optical smart card system of claim 34, further comprising a power converter coupled to the first antenna, wherein the power converter is for providing an output voltage to the first electronic processor in response to the electromagnetic signal.

37. (New) The optical smart card system of claim 36, further comprising:
a third antenna wirelessly coupled to the power converter; and
a portable power supply coupled to the third antenna;
wherein the portable power supply is for communicating electromagnetic energy to the first antenna upon the third antenna receiving the electromagnetic signal.

38. (New) The optical smart card system of claim 36, further comprising:
a battery ohmically detached from the optical smart card; and
an oscillator in communication with the battery and the third antenna.

39. (New) The optical smart card of claim 36, further comprising:
a switch in communication with the portable power supply;
wherein the switch is for enabling the communication of electromagnetic energy from the portable power supply to the smart card.

40. (New) The optical smart card of claim 34, further comprising a housing with a retainer for receiving the optical smart card.

41. (New) The optical smart card of claim 40, further comprising:
a latch mechanically coupled to the housing;
wherein the latch is for enabling the portable power supply when the optical smart card is inserted in the latch.

42. (New) The optical smart card of claim 34, wherein the first and second processors, each comprise:

- a CPU;
- a memory circuit; and
- an input/output controller.

43. (New) The optical smart card of claim 42, wherein the memory circuit is selected from the group consisting of a ROM, NVM and RAM.

44. (New) The optical smart card system of claim 34, further comprising an external power supply for transmitting electromagnetic signals to the optical smart card for energizing the optical smart card.

45. (New) The optical smart card system of claim 34, wherein the optical smart card reader transmits the electromagnetic signal to the optical smart card for energizing the optical smart card and initiating an optical communication transaction between the optical smart card and the optical smart card reader.

46. (New) The optical smart card system of claim 34, wherein the second optical transceiver is located on a computer screen.

47. (New) A method of transacting information in an optical smart card system including an optical smart card reader and an optical smart card, comprising:
transmitting an electromagnetic power signal to the optical smart card; and
initiating optical communication between the optical smart card and the optical smart card reader upon the optical smart card receiving the electromagnetic power signal.

48. (New) The method of claim 47, further comprising transmitting an electromagnetic signal from the optical smart card reader.

49. (New) The method of claim 47, further comprising transmitting an electromagnetic signal from an external power supply other than an optical smart card reader power supply.

50. (New) The method of claim 47, further comprising supplying power to the optical smart card from a portable power supply, comprising:

generating a first electromagnetic signal having a first frequency; and
radiating the first electromagnetic signal to the optical smart card tuned to the first frequency from a portable power supply ohmically detached from the optical smart card.

51. (New) The method of claim 50, further comprising:
receiving a second electromagnetic signal; and
enabling the wireless radiation of the first electromagnetic signal upon receiving the second electromagnetic signal.

52. (New) The method of claim 50, further comprising enabling the wireless radiation of the first electromagnetic signal upon receiving a signal from a switch contact closure.